40119163 - 5 Lu 5-

Subject: Ret)

Date:

$$\frac{12/a^{2}}{a^{2}} = \frac{12/a^{2}}{a/2} = \frac{24}{a/2}$$

$$\frac{1}{1} \left(x(t) \right) = \int_{-\infty}^{+\infty} x(t) e^{-St} dt = \int_{-\infty}^{+\infty} \frac{1}{1} \left[x(t) \right] = \int_{-\infty}^{+\infty} \frac{24}{10^{3}} + \int_{-\infty}^{-St} \frac{24}$$

$$= \left[-\frac{1}{5} e^{-St} \left(\frac{24}{0.3} t \right) - \frac{1}{5^2} e^{-St} \left(\frac{24}{0.3} \right) \right]_0^{0/2} + \left[\left(\frac{24}{0.3} t - \frac{24}{0.2} \right) \left(-\frac{1}{5} e^{-St} \right) - \frac{24}{0.3} \left(\frac{e^{-St}}{5^2} \right) \right]_0^{0/2}$$

$$= \left(\frac{12}{\alpha^2} \left(-\frac{1}{5}e^{-\frac{9}{2}}\right) - \frac{24}{\alpha^3 5^2} e^{-\frac{9}{2}}\right) + \frac{24}{\alpha^3 5^2} + \left(-\frac{24}{\alpha^3 5^2} e^{-\frac{9}{2}}\right) - \left(\frac{12}{\alpha^2 5} e^{-\frac{9}{2}}\right) \frac{24}{R^3 5^2} e^{-\frac{9}{2}}$$

$$= \frac{-12}{0.25} e^{-0.25} \frac{24}{0.35^2} \frac{24}{0.35^2} \frac{24}{0.35^2} \frac{24}{0.35^2} \frac{24}{0.35^2} \frac{24}{0.35^2} \frac{e^{-0.5}}{0.35^2} \frac{12}{0.35^2} \frac{e^{-0.5}}{0.35^2} \frac{12}{0.35^2} \frac{e^{-0.5}}{0.35^2}$$

$$= \frac{-24}{\alpha^2 s} e^{-\alpha/2 s} + \frac{24}{\alpha^3 s^2} (1 - e^{-\alpha s})$$





